

What is claimed:

1. An interoperability system connected to an enterprise communication network and a public communication network for providing call 5 pick up service to a user's wireless station set which is located in the coverage area of a one of said enterprise communication network and said public communication network, and which is a member of a call pick up group comprising at least one additional station set, comprising:

presence server means for storing user data representative a service 10 location of a user wireless station set;

query means for exchanging said user data with at least one of said enterprise communication network and said public communication network; and

call pickup means, responsive to said user data and the presence of a call directed to said user wireless station set, for transmitting an alert signal to at least 15 one of said additional station sets.

2. The interoperability system of claim 1 wherein said call is directed to said enterprise communication network and said user wireless station set is served by said public communication network, said call pickup means comprises: 20 enterprise communication network means for transmitting said alert signal to at least one of said additional station sets served by said enterprise communication network.

3. The interoperability system of claim 1 wherein said call is directed 25 to said enterprise communication network and said user wireless station set is served by said public communication network, said call pickup means comprises: public communication network means for transmitting said alert signal to at least one of said additional station sets served by said public communication network.

30

4. The interoperability system of claim 1 wherein said call pickup

means comprises:

call forwarding means for transmitting an alert signal to said user wireless station set at said service location.

5 5. The interoperability system of claim 1 wherein said call pickup means comprises:

answer means, responsive to one of said additional station sets dialing a call pick up code or click Pickup icon on IP phone, for redirecting said call to said one of said additional station sets.

10

6. The interoperability system of claim 1 wherein said enterprise communication network and said public communication network each comprise at least one cell site, said presence server means comprises:

15 location data update means, responsive to user location data received from a one of said enterprise communication network and said public communication network, for recording present location data identifying a one of said at least one cell site which presently serves said user wireless station set.

20 7. The interoperability system of claim 6 wherein said presence server means further comprises:

status means for identifying a present operational status of said user wireless station set.

25 8. A method of providing call pick up service interoperability in both an enterprise communication network and a public communication network to a user's wireless station set which is located in the coverage area of a one of said enterprise communication network and said public communication network, and which is a member of a call pick up group comprising at least one additional station set, comprising:

30 storing user data representative a service location of a user wireless station set;

exchanging said user data with at least one of said enterprise communication network and said public communication network; and

transmitting, in response to said user data and the presence of a call directed to said user wireless station set, an alert signal to at least one of said additional station sets.

9. The method of providing call pick up service of claim 8 wherein said call is directed to said enterprise communication network and said user wireless station set is served by said public communication network, said step of transmitting comprises:

transmitting said alert signal to at least one of said additional station sets served by said enterprise communication network.

10. The method of providing call pick up service of claim 8 wherein said call is directed to said enterprise communication network and said user wireless station set is served by said public communication network, said step of transmitting comprises:

transmitting said alert signal to at least one of said additional station sets served by said public communication network.

20

11. The method of providing call pick up service of claim 8 wherein said step of transmitting comprises:

transmitting an alert signal to said user wireless station set at said service location.

25

12. The method of providing call pick up service of claim 8 wherein said step of transmitting comprises:

answer means, responsive to one of said additional station sets dialing a call pick up code or click Pickup icon on IP phone, said call to said one of said additional station sets.

13. The method of providing call pick up service of claim 8 wherein said enterprise communication network and said public communication network each comprise at least one cell site, said step of storing comprises:

5 redirecting, in response to user location data received from a one of said enterprise communication network and said public communication network, for recording present location data identifying a one of said at least one cell site which presently serves said user wireless station set.

14. The method of providing call pick up service of claim 13 wherein
10 said step of storing further comprises:

identifying a present operational status of said user wireless station set.